

I CLAIM:

1. An electrical connector for mounting on a printed circuit board, comprising:

an insulative housing comprising a longitudinal base, a tongue portion extending forwardly from the base and a pair of end walls extending forwardly from the base, the tongue portion comprising a first tongue section, a second tongue section and a third tongue section connecting with the first and the second tongue sections, the thickness of the third tongue section being greater than each of those of the first and the second tongue sections; and

a plurality of contacts respectively received in the insulative housing.

2. The electrical connector as described in claim 1, further comprising a strengthening wall extending forwardly from the base and connecting with the pair of end walls.

3. The electrical connector as described in claim 1, further comprising a first and a second dividing walls extending from the base opposite to the pair of end walls.

4. The electrical connector as described in claim 3, wherein each dividing wall defines a slit in a middle portion for engaging with a printed circuit board.

5. The electrical connector as described in claim 1, wherein each end wall defines a U-shaped guiding space for guiding an insertion of a complementary connector.

6. The electrical connector as described in claim 1, wherein the contacts are grouped into a first, a second and a third sets of contacts respectively received in the first, the second and the third tongue sections.

7. The electrical connector as described in claim 6, wherein the tongue portion comprises a first surface and an opposite second surface both extending in a longitudinal direction of the tongue portion, and wherein the first and the second sets of contacts are located in the first surface of the tongue portion and the third set of contacts are located in the second surface of the tongue portion.

8. The electrical connector as described in claim 6, each contact comprises a contacting portion, a board retention portion extending outwardly from the housing, and a housing retaining portion connecting the contacting portion and the board retention portion.

9. The electrical connector as described in claim 8, wherein the board retention portions of the first and the second sets of contacts are arranged on the same row, and the board retention portions of the third set of contacts are arranged on a second row.

10. The electrical connector as described in claim 8, wherein the board retention portions of the contacts are configured for surface mounting on the printed circuit board.

11. The electrical connector as described in claim 8, wherein the board retention portions of the contacts are exposed between the first and the second dividing walls.

12. The electrical connector as described in claim 8, wherein the first and the second tongue sections define a plurality of first and second passages in the first surface of the tongue portion to receive the contacting portions of the first and the second sets of contacts, and the third tongue section defines a plurality of third passages in the second surface of the tongue portion to receive the contacting

portions of the third set of contacts.

13. The electrical connector as described in claim 8, wherein the base of the tongue portion defines a plurality of first, second and third passageways corresponding to the first, the second and the third passages of the tongue portion to receive the housing retaining portions of the first, the second and the third sets of contacts, respectively.

14. An electrical connector for mounting on a printed circuit board, comprising:

an insulative housing comprising a first body portion and a second body portion integrally formed with the first body portion, the first body portion defining a first and a second pin receiving spaces, the second body portion comprising a base, a tongue portion extending forwardly from the base and a pair of end walls extending forwardly from the base, the tongue portion comprising a first, a second and a third tongue sections connecting with the first and the second tongue sections;

a plurality of first contacts respectively received in the second body portion;

a first and a second sets of second contacts respectively received in the first and the second pin receiving spaces.

15. The electrical connector as described in claim 14, wherein the housing further comprises a plurality of rearwardly extending dividing walls.

16. The electrical connector as described in claim 14, wherein the second body portion forms a strengthening wall extending forwardly from the base and connecting with the pair of end walls.

17. The electrical connector as described in claim 14, wherein the first

contacts comprise a first, a second and a third sets of first contacts respectively received in the first, the second and the third tongue sections, and wherein the first and the second sets of first contacts are arranged on the same row and the third set of first contacts are arranged on a second row.

18. The electrical connector as described in claim 14, wherein the thickness of the third tongue section is greater than each of those of the first and the second tongue sections.

19. An electrical connector comprising:

an insulative housing comprising a horizontal longitudinal base with a tongue portion and a pair of end walls by two sides of the tongue portion commonly extending from said base,

said tongue portion defining at least first and second sections in sequence along a longitudinal direction thereof, said first and third sections defining a mating face facing in a first direction, and said second section defining another mating face facing in a second direction opposite to said first direction;

first and second sets of contacts disposed in the first and second sections, respectively, each of said sets of contacts defining at front ends thereof mating contact portions exposed to an exterior in the corresponding directions, respectively, while said each of the sets of contacts further defining at rear ends thereof tail portions; wherein

all said tail portions of both said sets of contacts are located on a same plane for commonly surface mounting to a printed circuit board.

20. The connector as described in claim 19, wherein said plane is located at a level between said mating face and said another mating face in a vertical direction.

21. The connector as described in claim 19, wherein said base is uninterrupted along said longitudinal direction.